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For: *SPECIFICATION OF DIAGNOSTICS AND THERAPY OF EPSTEIN-BARR VIRUS
IN AUTOIMMUNE DISORDERS*

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §1.56, Applicants cite the following publications, which are listed in the enclosed 21 pages of Form PTO-1449. Enclosed are copies of the International Search Reports for International Application Number PCT/US/91/00682 corresponding to U.S.S.N. 07/648,205 and PCT/US93/03484 corresponding to U.S.S.N. 07/867,819.

This application is a Continuation-In-Part of U.S.S.N. 07/160,604, filed on November 30, 1993, which is a Continuation-In-Part of 07/867,819, filed on April 13, 1992 which is a Continuation-In-Part of 07/648,205, which is a Continuation-In-Part of 07/472,947 now abandoned.

It is believed that no fee is required with this submission. However, if an additional fee is required, the Assistant Commissioner is authorized to charge Deposit Account No. 01-2507.

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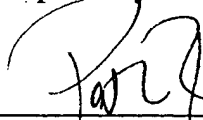
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Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicants are of the opinion that their

claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,



Patrea L. Pabst
Reg. No. 31,284


Dated: February 2, 1998

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The "Received" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Applicant: John B. Harley et al.

Serial & Docket No.: 08/781,296

OMRF 161

Filed: January 13, 1997


Papers Submitted:

Information Disclosure Statement with Certificate
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				Filing Date	January 13, 1997
				First Named Inventor	John B. Harley et al.
				Group Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
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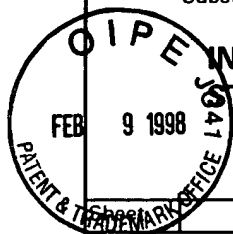
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		Evans, "E.B. Virus Antibody in Systemic Lupus Erythematosus" <u>Lancet</u> , 1:1023-4 (1971)	
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Application Number	08/781,296
Filing Date	January 13, 1997
First Named Inventor	John B. Harley et al.
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	OMRF 161

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

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		Hinterberger, "Isolation of Small Nuclear Ribonucleoproteins Containing U1, U2, U4, U5, and U6 RNAs", <u>Biol. Chem.</u> , 258:2604-2613 (1983)	
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		Mendlovic, S., et al., "The Role of Anti-Idiotypic Antibodies in the Induction of Experimental Systemic Lupus Erythematosus in Mice," <u>Eur. J. Immunol.</u> 19:729-732 (1989)	

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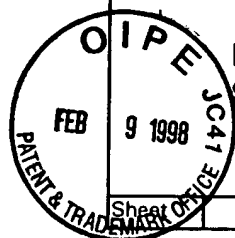
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Sheet 15 of 21

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Application Number	08/781,296
Filing Date	January 13, 1997
First Named Inventor	John B. Harley et al.
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	OMRF 161

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

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		Ravirajan & Staines, "Involvement in Lupus Disease of Idiotypes Id.F-423 and Id.IV-228 Defined, Respectively, Upon Foetal and Adult MRL/Mp-lpr/lpr DNA-binding Monoclonal Autoantibodies" <u>Immunology</u> , 74:342-347 (1991)	
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		Sabbatini, et al., "Autoantibodies from Patients with Systemic Lupus Erythematosus Bind a Shared Sequence of AmD and Epstein-Barr Virus-Encoded Nuclear Antigen EBNA 1", <u>Eur. J. Immunol.</u> , 23:1146-1152 (1993)	
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		Scofield, et al., "Immunization with Short Peptides from the Sequence of the Systemic Lupus Erythematosus-Associated 60-kDa Ro Autoantigen Results in Anti-Ro Ribonucleoprotein Autoimmunity", <u>J. Immunology</u> , 4059-4066 (1996)	
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		Sumaya, et al., "Increased Prevalence and Titer of Epstein-Barr Virus Antibodies in Patients with Multiple Sclerosis", <u>Ann. Neurol.</u> , 17:371-377 (1985)	

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		Suzuki, et al., "Viral Interleukin 10 (IL-10), the Human Herpes Virus 4 Cellular IL-10 Homologue, Induces Local Anergy to Allogeneic and Syngeneic Tumors", <u>J. Exp. Med.</u> , 182:477-486 (1995)	
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		Tincani, et al., "Induction of Experimental SLE in Naive Mice by Immunization with Human Polyclonal anti-DNA Antibody Carrying the 16/6 Idiotype," <u>Clinical and Exp. Rheum.</u> 11:129-134 (1993)	
		Toda, et al., Sjogren's syndrome (SS) and Epstein-Barr virus (EBV) reactivation. In Lacrima Gland, Tear Film, and Dry Eye Syndrome D.A. Sullivan, ed. pp 647-650 (Plenum Press, New York 1994)	
		Tsai, et al., "Detection of Epstein-Barr Virus and Cytomegalovirus Genome in White Blood Cells from Patients with Juvenile Rheumatoid Arthritis and Childhood Systemic Lupus Erythematosus", <u>Int. Arch. Allergy Immunol.</u> , 106:235-240 (1995)	
		Tsuzuka, et al., "Lupus Autoantibodies to Double-stranded DNA Cross-react with Ribosomal Protein S1", <u>Arthritis & Rheumatism</u> , 38(9):abstract 726 (1995)	

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		Tzartos, et al., Autoimmunity 8:259-270 (1991)	
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		Watson, et al., "Certain Properties Make Substances Antigenic," in Molecular Biology of the Gene, Fourth Edition, page 836, paragraph 3, (The Benjamin/Cummings Publishing Company, Menlo Park, 1987)	
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Application Number	08/781,296
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First Named Inventor	John B. Harley et al.
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	OMRF 161

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OTHER ART -- NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner's Signature		Date Considered	
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¹ Unique citation designation number ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant to place a check mark here if English language Translation is attached.

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